



SEQUENCE LISTING

Weston, et al.

<120> MALE-STERILE BRASSICA PLANTS AND METHOD FOR PRODUCING SAME

<130> 514412-2020.1

<140> 09/698,903

<141> 2000-10-27

<150> 09/430,437

<151> 1999-10-29

<160> 14

<170> PatentIn version 3.0

<210> 1

<211> 5865

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> (1)..(5865)

<223> DNA sequence of regions comprised between the T-DNA border repeat
s of plasmid pTC0113

<400> 1

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atattttattg ataaaataac aagtcaggta ttatagtcca agcaaaaaca taaattttatt      180
gatgcaagtt taaattcaga aatatttcaa taactgatta tatcagctgg tacattgccg      240
tagatgaaag actgagtgcg atattatgtg taatacataa attgatgata tagctagctt      300
agctcatcgg gggatcctag aacgcgtgat ctcatctc ggtgacgggc aggaccggac      360
ggggcggtac cggcaggctg aagtccagct gccagaaacc cacgtcatgc cagttcccgt      420
gcttgaagcc ggccgcccgc agcatgccgc ggggggcata tccgagcgcc tcgtgcatgc      480
gcacgctcgg gtcgttgggc agcccgatga cagcgaccac gctcttgaag ccctgtgcct      540
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gggagacgta cacggtcgac tcggccgtcc agtcgtaggc gttgcgtgcc ttccaggggc      660
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cccgcagacg gacgaggtcg tccgtccact cctgcggttc ctgcggctcg gtacggaagt      780
tgaccgtgct tgtctcgatg tagtggttga cgatggtgca gaccgccggc atgtccgcct      840
cgggtggcacg gcggatgtcg gccgggcgtc gttctgggtc cattgttctt ctttactctt      900
tgtgtgactg aggtttggtc tagtgctttg gtcacttata tataatgata acaacaatga      960
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Sequence Listing

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tacaccgttg gattttgagt gtggatatgt gtgagggttaa ttttacttgg taacggccac	1080
aaaggcctaa ggagaggtgt tgagaccctt atcggttga accgctggaa taatgccacg	1140
tggaagataa ttccatgaat cttatcgtta tctatgagtg aaattgtgtg atgggtggagt	1200
ggtgcttget cattttactt gcttgggtga cttggccctt tcttatggg gaatttatat	1260
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aggtgaaact gtggaatata tatttttttc atttaaaagc aaaatttgcc ttttactaga	1440
attataaata tagaaaaata tataacattc aaataaaaaat gaaaataaga actttcaaaa	1500
aacagaaacta tgtttaatgt gtaaagatta gtcgcacatc aagtcactctg ttacaatatg	1560
ttacaacaag tcataagccc aacaaagtta gcacgtctaa ataaactaaa gagtccacga	1620
aaatattaca aatcataagc ccaacaaagt tattgatcaa aaaaaaaaaa cgcccaacaa	1680
agctaaacaa agtccaaaaa aaactttctca agtctccatc ttcctttatg aacattgaaa	1740
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Sequence Listing

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gcaacaagta tcaatacata tgatttacac cgtcaaacac gaaattcgta aatatttaat	4680
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Sequence Listing

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gaatgtatat tatatgcata atttatatat taaatgtgta taatcatgta taatcaatgt 4800
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aatccctaata ataatcgcgga cggatccccg ggaattccgg ggaagcttag atccatgcag 4920
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<210> 2
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<222> (1)..(21)
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21

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<210> 3
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21

<210> 4
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<212> DNA
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<222> (1)..(15)
<223> primer MDB285

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<221> variation
<222> (6)..(6)
<223> "s" can be either g or c

<220>
<221> variation
<222> (1)..(1)
<223> "n" can be any nucleotide a, c or t

<220>
<221> variation
<222> (8)..(8)
<223> "w" can be either a or t(u)

<220>
<221> variation
<222> (12)..(12)
<223> "w" can be either a or t(u)

<220>
<221> variation
<222> (10)..(10)
<223> "s" can be either g or c

<400> 4
ntcgastwts gwgtt

15

<210> 5
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<220>
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<222> (1)..(25)
<223> MDB251

<400> 5

Sequence Listing

ggatcccccg atgagctaag ctagc 25

<210> 6
<211> 22
<212> DNA
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<220>
<221> misc_feature
<222> (1)..(22)
<223> primer MDB193

<400> 6
tcattctacgg caatgtacca gc 22

<210> 7
<211> 20
<212> DNA
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<220>
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<222> (1)..(20)
<223> MDB258

<400> 7
ctacggcaat gtaccagctg 20

<210> 8
<211> 415
<212> DNA
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<221> misc_feature
<222> (1)..(415)
<223> right (5') border flanking region of elite event MS-B2

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tacggatgag aacaactcac aagcattaat catgttcata taaatatatg tacattatac 120
gtatatatac acgtatacaa atagtagcga agaaatccat gtaaagcagc agggggcacc 180
atggtttcaa gtattatata attataatta taattatggt aggatgtaca tggccgataa 240
gaaaaggcaa tttgtagatg ttaattccca tcttgaaaga aatatagttt aatatattat 300
tgataaaata acaagtcagg tattatagtc caagcaaaaa cataaattta ttgatgcaag 360
tttaaattca gaaatatttc aataactgat tatatcagct ggtacattgc cgtag 415

<210> 9
<211> 24
<212> DNA

Sequence Listing

<213> Artificial Sequence

<220>

<221> misc_feature

<222> (1)..(24)

<223> primer MDB8

<400> 9

tcagaagtat cagcgacctc cacc

24

<210> 10

<211> 416

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> (1)..(416)

<223> left (3') border flanking region of the elite event MS-B2

<400> 10

ctacggcaat gtaccagctg atataatcag ttattgaaat atttctgaat ttaaacttgc

60

atcaataaaw ttatgttttt gcttggacta taatacctga cttgttattt tatcaataaa

120

tattttaaact atatttcttt caagatggga attaacatct acaaattgcc ttttcttctc

180

gaccatgtac atcctacat aattataatt ataattatat aatctgaaa ccatgggtgcc

240

ccctgctgct ttacatggat ttctccgcta ctatttgtat acgtgtatat ataccgtata

300

atgtacatat atttatatga acatgattaa tgcttgtgag ttgttctcat ccgtaagagt

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416

<210> 11

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

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<210> 12

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<221> misc_feature

<222> (1)..(21)

<223> primer MDB201

<400> 12
gcttggacta taatacttga c

21

<210> 13
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
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<222> (1)..(22)
<223> primer CVZ7 (B01)

<400> 13
aacgagtgtc agctagacca gc

22

<210> 14
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<212> DNA
<213> Artificial Sequence

<220>
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<223> primer CVZ8 (B02)

<400> 14
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22